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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/910,406C

DATE: 08/05/2002  
TIME: 15:36:04

Input Set : N:\Crf3\07182002\I910406.raw  
Output Set: N:\CRF4\08052002\I910406C.raw

1 <110> APPLICANT: Sokawa, Yoshiro  
 2 Liu, Chih-Ping  
 3 <120> TITLE OF INVENTION: Composition for Treatment of and Method  
 4 of Monitoring Hepatitis C Virus Using Interferon-tau  
 5 <130> FILE REFERENCE: 5600-0004.30  
 6 <140> CURRENT APPLICATION NUMBER: US/09/910,406C  
 7 <141> CURRENT FILING DATE: 2002-07-02  
 8 <150> PRIOR APPLICATION NUMBER: JP 317160  
 9 <151> PRIOR FILING DATE: 2000-10-17  
 10 <150> PRIOR APPLICATION NUMBER: US 60/219,128  
 11 <151> PRIOR FILING DATE: 2000-07-19  
 12 <160> NUMBER OF SEQ ID NOS: 4  
 13 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 516  
 17 <212> TYPE: DNA  
 18 <213> ORGANISM: Ovis Aries  
 19 <400> SEQUENCE: 1  
 20 tgctacctgt cgcggaaaact gatgctggac gctcgagaaa atttaaaaact gctggaccgt 60  
 21 atgaatcgat tgtctccgca cagctgcctg caagaccgga aagacttcgg tctgcccag 120  
 22 gaaatggttg aaggtgacca actgcaaaaa gaccaagctt tcccggtact gtatgaaatg 180  
 23 ctgcagcagt ctttcaacct gttctacact gaacattctt cggccgcttg ggacactact 240  
 24 cttctagaac aactgtgcac tggctctgcaa cagcaactgg accatctgga cacttgcgt 300  
 25 ggccagggtta tgggtgaaga agactctgaa ctgggtaaca tggatccgat cgttactgtt 360  
 26 aaaaaatatt tccagggtat ctacgactac ctgcaggaaa aaggttactc tgactgcgt 420  
 27 tggaaatcg tacgcgttga aatgatgcgg gccctgactg tgtcgactac tctgcaaaaa 480  
 28 cggttaacta aaatgggtgg tgacctgaat tctccg 516  
 30 <210> SEQ ID NO: 2  
 31 <211> LENGTH: 172  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: Ovis Aries  
 34 <400> SEQUENCE: 2  
 35 Cys Tyr Leu Ser Arg Lys Leu Met Leu Asp Ala Arg Glu Asn Leu Lys  
 36 1 5 10 15  
 37 Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp  
 38 20 25 30  
 39 Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu  
 40 35 40 45  
 41 Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser  
 42 50 55 60  
 43 Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr  
 44 65 70 75 80  
 45 Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Leu Asp His Leu

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46 85 90 95  
 47 Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly  
 48 100 105 110  
 49 Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr  
 50 115 120 125  
 51 Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val  
 52 130 135 140  
 53 Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys  
 54 145 150 155 160  
 55 Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro  
 56 165 170  
 58 <210> SEQ ID NO: 3  
 59 <211> LENGTH: 519  
 60 <212> TYPE: DNA  
 61 <213> ORGANISM: Artificial Sequence  
 62 <220> FEATURE:  
 63 <223> OTHER INFORMATION: recombinant IFNtau based on Ovis aries sequence  
 64 <400> SEQUENCE: 3  
 65 tgctacctgt cggagcgact gatgctggac gctcgagaaa atttaaaaact gctggaccgt 60  
 66 atgaatcgat tgtctccgca cagctgcctg caagaccgga aagacttcgg tctgcgcgcag 120  
 67 gaaatggttg aagggtgacca actgcaaaaa gaccaagctt tcccggtact gtatgaaatg 180  
 68 ctgcagcagt ctttcaacct gttctacact gaacattctt cggccgcttg ggacactact 240  
 69 cttctagaac aactgtgcac tggctctgcaa cagcaactgg accatctgga cacttgcgt 300  
 70 ggccaagttt aaaaatatt tccagggtat ctacgactac ctgcaggaaa aaggttactc tgactgcgt 360  
 71 aaaaatattt tccagggtat ctacgactac ctgcaggaaa aaggttactc tgactgcgt 420  
 72 tggaaatcg tacgcgttga aatgatgcgg gccctgactg tgcgttactac tctgcggaaa 480  
 73 cggtaacta aatgggtgg tgacctgaat tctccgtaa 519  
 75 <210> SEQ ID NO: 4  
 76 <211> LENGTH: 172  
 77 <212> TYPE: PRT  
 78 <213> ORGANISM: Artificial Sequence  
 79 <220> FEATURE:  
 80 <223> OTHER INFORMATION: recombinant IFNtau based on Ovis aries sequence  
 81 <400> SEQUENCE: 4  
 82 Cys Tyr Leu Ser Glu Arg Leu Met Leu Asp Ala Arg Glu Asn Leu Lys  
 83 1 5 10 15  
 84 Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp  
 85 20 25 30  
 86 Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu  
 87 35 40 45  
 88 Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser  
 89 50 55 60  
 90 Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr  
 91 65 70 75 80  
 92 Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu  
 93 85 90 95  
 94 Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly  
 95 100 105 110  
 96 Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr

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97            115            120            125  
98 Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val  
99            130            135            140  
100 Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys  
101            145            150            155            160  
102 Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro  
103            165            170

**VERIFICATION SUMMARY**

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